

INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP2004/016698

A. CLASSIFICATION OF SUBJECT MATTER				
IPC 7	C08G63/668	C08G63/20	C09D167/00	C09D163/00
	C08J5/18	G03F7/038	H05K3/28	H05K3/46

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08G C09D C08J H05K G03F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>DATABASE WPI Section Ch, Week 199742 Derwent Publications Ltd., London, GB; Class A14, AN 1997-454033 XP002314180 -& JP 09 208674 A (KANSAI PAINT CO LTD) 12 August 1997 (1997-08-12) abstract</p> <p>-----</p>	1-26
A	<p>DATABASE WPI Section Ch, Week 200278 Derwent Publications Ltd., London, GB; Class A89, AN 2002-723524 XP002314181 -& WO 02/077058 A1 (TAIYO INK MFG CO LTD) 3 October 2002 (2002-10-03) abstract</p> <p>-----</p> <p>-/-</p>	1-26

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

19 January 2005

31/01/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Masson, P

INTERNATIONAL SEARCH REPORT

International Application No
PCT/JP2004/016698

C(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE WPI Section Ch, Week 200271 Derwent Publications Ltd., London, GB; Class A23, AN 2002-666993 XP002314182 -& WO 02/064662 A1 (TAIYO INK SEIZO KK) 22 August 2002 (2002-08-22) abstract	1-3,5
A	-----	4-26
A	EP 1 276 011 A (KANAGAWA UNIVERSITY ; TAIYO INK MFG CO LTD (JP)) 15 January 2003 (2003-01-15) page 2, line 56 - page 3, line 36 page 9, line 33 - page 11, line 20 claims; examples	6-26
A	-----	1-26
A	US 2002/076539 A1 (NAKAMURA SHIGEO ET AL) 20 June 2002 (2002-06-20) the whole document	1-26
A	-----	1-26
A	US 6 190 833 B1 (SATO HOZUMI ET AL) 20 February 2001 (2001-02-20) the whole document	1-26
A	-----	13,24
A	EP 1 035 760 A (SUMITOMO BAKELITE CO) 13 September 2000 (2000-09-13) the whole document	13,24
A	-----	1-26
A	US 2002/103330 A1 (ITO NAOKAZU ET AL) 1 August 2002 (2002-08-01) page 2, paragraph 21 - paragraph 31; claims 13-19	1-26
A	-----	1-6
A	US 3 278 554 A (PETER STARK BERNARD) 11 October 1966 (1966-10-11) the whole document	1-6
A	-----	8,16-26
A	DATABASE WPI Section Ch, Week 199632 Derwent Publications Ltd., London, GB; Class A97, AN 1996-319138 XP002314183 -& JP 08 143806 A (TOA GOSEI CHEM IND LTD) 4 June 1996 (1996-06-04) abstract	8,16-26
A	-----	8,16-26
P,A	US 2003/022958 A1 (SATO TAKASHI ET AL) 30 January 2003 (2003-01-30) page 2, paragraph 11 - paragraph 34; claims	12,23

	-/-	

INTERNATIONAL SEARCH REPORT

International Application No
PCT/JP2004/016698

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/36660 A (OGEMARK KEITH ; CLAUSSON ANDERS (SE); MANEA MIRCEA (SE); REHNBERG NICO) 10 May 2002 (2002-05-10) page 2, paragraph 2 - page 5, paragraph 1; claims; examples -----	1,2,4,5
A	DATABASE WPI Section Ch, Week 200009 Derwent Publications Ltd., London, GB; Class A26, AN 2000-102212 XP002314184 & JP 11 343346 A (UBE IND LTD) 14 December 1999 (1999-12-14) abstract -----	1-26
X	US 2 764 575 A (RUDOLF KOHLER ET AL) 25 September 1956 (1956-09-25) column 4, line 24 - line 43 example 7 -----	1-6
X	BULACOVSCHE V ET AL: "SUBSTITUTED OXETANES IN POLYMER SYNTHESIS. II. POLYESTERS BASED ON 3,3-BIS(CHLOROMETHYL)OXACYCLOBUTANE AND POTASSIUM TEREPHTHALATE" REVUE ROUMAINE DE CHIMIE, BUKAREST, RO, vol. 40, no. 7/8, 1995, pages 737-741, XP002908078 figure 4 -----	1-3
A	DATABASE WPI Section Ch, Week 200331 Derwent Publications Ltd., London, GB; Class A14, AN 2003-318784 XP002314185 & JP 2003 002958 A (NIPPON KAYAKU KK) 8 January 2003 (2003-01-08) abstract -----	1-26
A	DATABASE WPI Section Ch, Week 199540 Derwent Publications Ltd., London, GB; Class A89, AN 1995-309333 XP002314186 & JP 07 207206 A (DAINIPPON INK & CHEM INC) 8 August 1995 (1995-08-08) abstract -----	1-26
X	US 6 297 329 B1 (HOBEL KLAUS ET AL) 2 October 2001 (2001-10-02) example 8 -----	1-3
A	EP 1 302 499 A (BROTHER IND LTD) 16 April 2003 (2003-04-16) page 2, line 46 - page 3, line 46; claims; examples -----	8,16

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP2004/016698

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
JP 9208674	A	12-08-1997	NONE		
WO 02077058	A1	03-10-2002	US	2004067440 A1	08-04-2004
WO 02064662	A1	22-08-2002	JP	2002241477 A	28-08-2002
			JP	2002244286 A	30-08-2002
			US	2004039087 A1	26-02-2004
EP 1276011	A	15-01-2003	AT	268015 T	15-06-2004
			DE	60103529 D1	01-07-2004
			EP	1276011 A1	15-01-2003
			US	2004023120 A1	05-02-2004
			CN	1420998 T	28-05-2003
			WO	0173510 A1	04-10-2001
US 2002076539	A1	20-06-2002	US	6376053 B1	23-04-2002
			EP	0851726 A2	01-07-1998
			ID	19337 A	02-07-1998
			JP	11087927 A	30-03-1999
			TW	432907 B	01-05-2001
US 6190833	B1	20-02-2001	JP	11106606 A	20-04-1999
			JP	11065116 A	05-03-1999
EP 1035760	A	13-09-2000	CN	1267696 A	27-09-2000
			EP	1035760 A2	13-09-2000
			JP	2000319621 A	21-11-2000
			TW	491016 B	11-06-2002
			US	6447915 B1	10-09-2002
US 2002103330	A1	01-08-2002	JP	2001031664 A	06-02-2001
			JP	2001031665 A	06-02-2001
			JP	2001031666 A	06-02-2001
			JP	2001040085 A	13-02-2001
			AT	247094 T	15-08-2003
			DE	60004446 D1	18-09-2003
			DE	60004446 T2	15-07-2004
			EP	1069120 A1	17-01-2001
			US	6365760 B1	02-04-2002
US 3278554	A	11-10-1966	GB	969042 A	09-09-1964
JP 8143806	A	04-06-1996	JP	3428187 B2	22-07-2003
US 2003022958	A1	30-01-2003	JP	2002040632 A	06-02-2002
			AU	7667601 A	05-02-2002
			CA	2385253 A1	31-01-2002
			EP	1222496 A1	17-07-2002
			WO	0208347 A2	31-01-2002
EP 1367874	A	03-12-2003	CN	1462172 A	17-12-2003
			EP	1367874 A2	03-12-2003
WO 0236660	A	10-05-2002	SE	519745 C2	08-04-2003
			AU	9612001 A	15-05-2002
			SE	0003909 A	28-04-2002
			WO	0236660 A1	10-05-2002

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP2004/016698

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
JP 11343346	A	14-12-1999	NONE		
US 2764575	A	25-09-1956	DE	912503 C	31-05-1954
			DE	943906 C	01-06-1956
			FR	1075180 A	13-10-1954
			CH	140852 A	30-06-1930
			CH	323614 A	15-08-1957
			GB	729487 A	04-05-1955
JP 2003002958	A	08-01-2003	NONE		
JP 7207206	A	08-08-1995	JP	3589304 B2	17-11-2004
US 6297329	B1	02-10-2001	NL	1002427 C2	26-08-1997
			AT	195331 T	15-08-2000
			AU	733873 B2	31-05-2001
			AU	2093097 A	10-09-1997
			BR	9707735 A	27-07-1999
			CA	2247126 A1	28-08-1997
			CN	1214717 A , B	21-04-1999
			DE	69702748 D1	14-09-2000
			DE	69702748 T2	19-04-2001
			DK	882106 T3	18-12-2000
			WO	9731073 A1	28-08-1997
			EP	0882106 A1	09-12-1998
			EP	0942051 A2	15-09-1999
			ES	2150758 T3	01-12-2000
			GR	3034728 T3	31-01-2001
			JP	20000506908 T	06-06-2000
			NO	983859 A	20-10-1998
			PL	328460 A1	01-02-1999
			PT	882106 T	31-01-2001
			RU	2180674 C2	20-03-2002
			TW	418241 B	11-01-2001
			US	2002161135 A1	31-10-2002
			ZA	9701542 A	27-07-1998
EP 1302499	A	16-04-2003	JP	2003105077 A	09-04-2003
			EP	1302499 A2	16-04-2003
			US	2003094738 A1	22-05-2003
			US	2003218269 A1	27-11-2003